

Appl. No. : 10/786,620
Filed : February 24, 2004

AMENDMENTS TO THE CLAIMS

By this Response, Applicant is amending Claims 16 and 29 and is cancelling Claims 14, 15, 24–28 and 38–46 without prejudice or disclaimer. Claims 1–13, 17–23, 30–37 and 47–51 remain as originally filed or as previously presented.

1. (Original) An electronic device, comprising:
 - one or more slots configured to receive at least one peripheral adapter;
 - a software module configured to provide a graphical user interface that indicates whether a selected slot in the electronic device is configured to support a hot input function; and
 - one or more hardware modules in the electronic device configured to control the power to the selected slot.
2. (Original) The system of Claim 1, wherein the electronic device is configured to suspend and resume communication to and from the adapter location in response to a user request to perform the hot insert function.
3. (Original) The system of Claim 1, wherein the electronic device includes a component for enabling and disabling power to the selected slot.
4. (Original) A system allowing replacement or insertion of an adapter in a electronic device, comprising:
 - an electronic device;
 - a user interface module; and
 - at least one module configured to communicate with the user interface module and inform the user interface module as to whether a selected adapter location in the electronic device is configured to support a hot input function, the module additionally configured to transmit instructions regarding the hot insert of an adapter in the electronic device.
5. (Original) The system as defined in claim 4, wherein the user interface module comprises a graphical user interface.
6. (Original) The system as defined in claim 4, wherein the user interface module comprises a series of screen displays exhibiting the steps to hot insert the adapter in the electronic device.

Appl. No. : 10/786,620
Filed : February 24, 2004

7. (Original) The system as defined in claim 4, wherein one of the transmitted instructions is for the electronic device to isolate a particular adapter location.

8. (Original) The system as defined in claim 7, wherein one of the transmitted instructions is for the electronic device to confirm that a particular adapter location permits a hot insert function.

9. (Original) The system as defined in claim 7, wherein one of the instructions is for the electronic device to suspend or restart a peripheral adapter.

10. (Original) The system as defined in claim 7, wherein one of the instructions is for the electronic device to suspend or restart power to an adapter location in the electronic device.

11. (Original) The system as defined in claim 7, wherein one of the instructions is for the electronic device to initialize an adapter.

12. (Original) A system allowing replacement or insertion of an adapter in an electronic device, comprising:

- an electronic device;
- means for providing a graphical user interface;
- means for hot inserting an adapter in the electronic device;
- the graphical user interface including means for displaying the steps to hot insert an adapter; and
- means in communication with the graphical user interface communicating information as to whether a selected adapter location is configured to support a hot insert function and for hot inserting an adapter.

13. (Original) The system as defined in claim 12, wherein the means in communication with the graphical user interface for hot inserting an adapter comprises a plurality of software object modules.

14.-15. (Cancelled)

Appl. No. : 10/786,620
Filed : February 24, 2004

16. (Currently Amended) [[A]] An electronic device for hot inserting an adapter, the electronic device comprising:

an electronic device and one or more peripheral adapters;

a configuration manager capable of freezing communications between the electronic device and the peripheral adapters;

a power management module capable of issuing commands to enable and disable the power to the peripheral adapters; and

a graphical user interface delivering instructions to confirm that a particular adapter location is configured to support a hot insert function.

17. (Original) The system as defined in claim 16, wherein the one or more peripheral adapters comprise I/O devices.

18. (Original) An electronic device comprising:

an electronic device; and

a graphical user interface configured to provide one or more screen displays for communicating information to a user as to whether a selected adapter location is configured to support a hot insert function and for displaying information regarding the steps for hot inserting an adapter.

19. (Original) The electronic device of Claim 18, wherein the electronic device includes a device for disabling and enabling power to the selected adapter location.

20. (Original) The electronic device of Claim 18, wherein the operational electronic device is configured to suspend and resume communication to and from the adapter location in response to a user request to perform the hot insert function.

21. (Original) A method comprising:

displaying on a display device a graphical user interface configured to provide one or more screen displays for communicating information to a user as to whether a selected adapter location is configured to support a hot insert function.

22. (Original) The method of Claim 21, additionally comprising suspending and resuming communications to and from the adapter location in response to a user request to perform the hot insert function.

Appl. No. : 10/786,620
Filed : February 24, 2004

23. (Original) The method of Claim 21, additionally comprising disabling and enabling power to the selected adapter location in response to a user request to perform the hot insert function.

24.-28. (Cancelled)

29. (Currently Amended) A system allowing replacement or insertion of an adapter in an electronic device, the system comprising:

an electronic device having a plurality of adapter locations;
a user interface module in communication with the electronic device, the user interface module configured to indicate whether or not a selected adapter location is configured to support a hot input function; and

at least one communication module in communication with the user interface module and the selected adapter location, wherein the at least one communication module transmits information to the user interface module as to whether [[a]] the selected adapter location is configured to support [[a]] the hot input function.

30. (Previously Presented) The system of Claim 29, wherein the user interface module comprises a graphical user interface.

31. (Previously Presented) The system of Claim 29, wherein the user interface module comprises a series of screen displays exhibiting steps to hot input an adapter.

32. (Previously Presented) The system of Claim 29, wherein the hot input function comprises a hot add function.

33. (Previously Presented) The system of Claim 29, wherein the hot input function comprises a hot swap function.

34. (Previously Presented) A system allowing replacement or insertion of an adapter in an electronic device, the system comprising:

an electronic device;
a user interface means for communicating with the electronic device; and
means for providing information via the user interface means as to whether a selected adapter location of the electronic device is configured to support a hot input function.

Appl. No. : **10/786,620**
Filed : **February 24, 2004**

35. (Previously Presented) The system of Claim 34, wherein the means for providing information comprises a plurality of software modules.

36. (Previously Presented) The system of Claim 34, wherein the information is provided in graphical form.

37. (Previously Presented) The system of Claim 34, wherein the information is provided in character-oriented form.

38.- 46. (Cancelled)

47. (Previously Presented) An electronic system for hot inserting an adapter, the system comprising:

an electronic device having at least one adapter;

a configuration manager capable of suspending communications between the electronic device and the at least one adapter;

a power management module capable of managing power to the at least one adapter; and

a user interface in communication with the configuration module to confirm that a particular adapter location is configured to support a hot input function.

48. (Previously Presented) The electronic system of Claim 47, wherein the at least one adapter comprises an input/output (I/O) device.

49. (Previously Presented) The electronic system of Claim 47, wherein the hot input function comprises a hot swap function.

50. (Previously Presented) The electronic system of Claim 47, wherein the hot input function comprises a hot add function.

51. (Previously Presented) An electronic device comprising a user interface having a first screen display providing a list of steps in a hot input function and having a second screen display providing information as to whether a selected adapter location is configured to support the hot input function.